



ReST€LA

STEM Labs Unlimited!

Project Number: 2022-1-CY01-KA210-SCH-000081449

INTRODUCTION



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What is ReSTELA?

Project full name: Remote STEM Labs

Program: KA210-SCH - Small-scale partnerships in school education

Project number: 2022-1-CY01-KA210-SCH-000081449

Duration: 01/09/2022 - 01/09/2024, 24 months

ReSTELA's goal is to allow remote access to multiple STEM labs to teachers and students, especially those in remote areas. Partners from Cyprus, Italy, and Estonia developed an online platform, and a toolkit on its use and will host training sessions for teachers and pilot sessions for students.

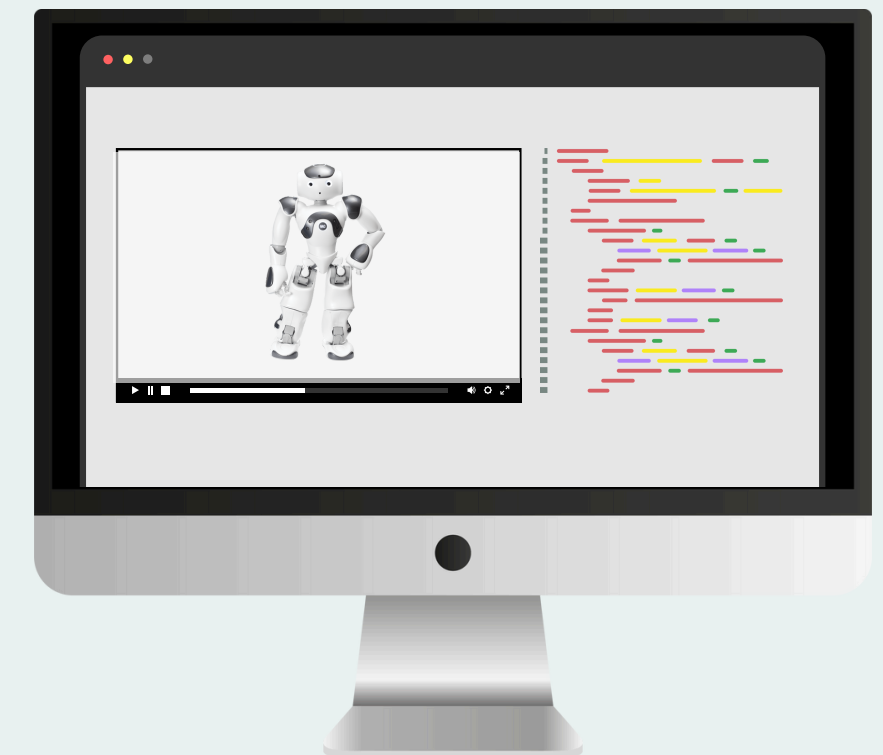


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Benefits

Remote access through ReSTELA platform will be able to offer the following benefits:

- No need to buy any of the equipment that is used in the platform
- No need to set up complex hardware
- Easy-to-use handbook for students and educators
- Ability to access the same remote lab from multiple locations (ideal for educators who need to travel between schools)



Consortium

Co-Ordinator:

ECECT – European Centre for Emerging Competencies and Technologies is a non-profit organization in Cyprus, that aims to bridge the gap between actual market needs and job candidates. This is achieved by co-organizing and supporting workshops, events, and other related activities that can be undertaken in close collaboration with supporting organizations. At ECECT, we're all about making the world of technology accessible to everyone and our mission is to empower individuals from all backgrounds to enhance their skills and stay up-to-date with these cutting-edge technologies.



Consortium

Partners:

TalTech IT College was established on August 1, 2017 and it is part of the Faculty of Information Technology of Tallinn University of Technology. IT College is the leading provider of IT education in Estonia which organizes and conducts studies in three application-oriented bachelor's programs

(IT systems administration, IT systems development, Cyber security technologies) and two master's programs (Digital changes in the company, Information systems analysis and planning). The college's field of research is IT didactics and the use of new technology in teaching (telepresence robots).

**TAL
TECH**



Consortium

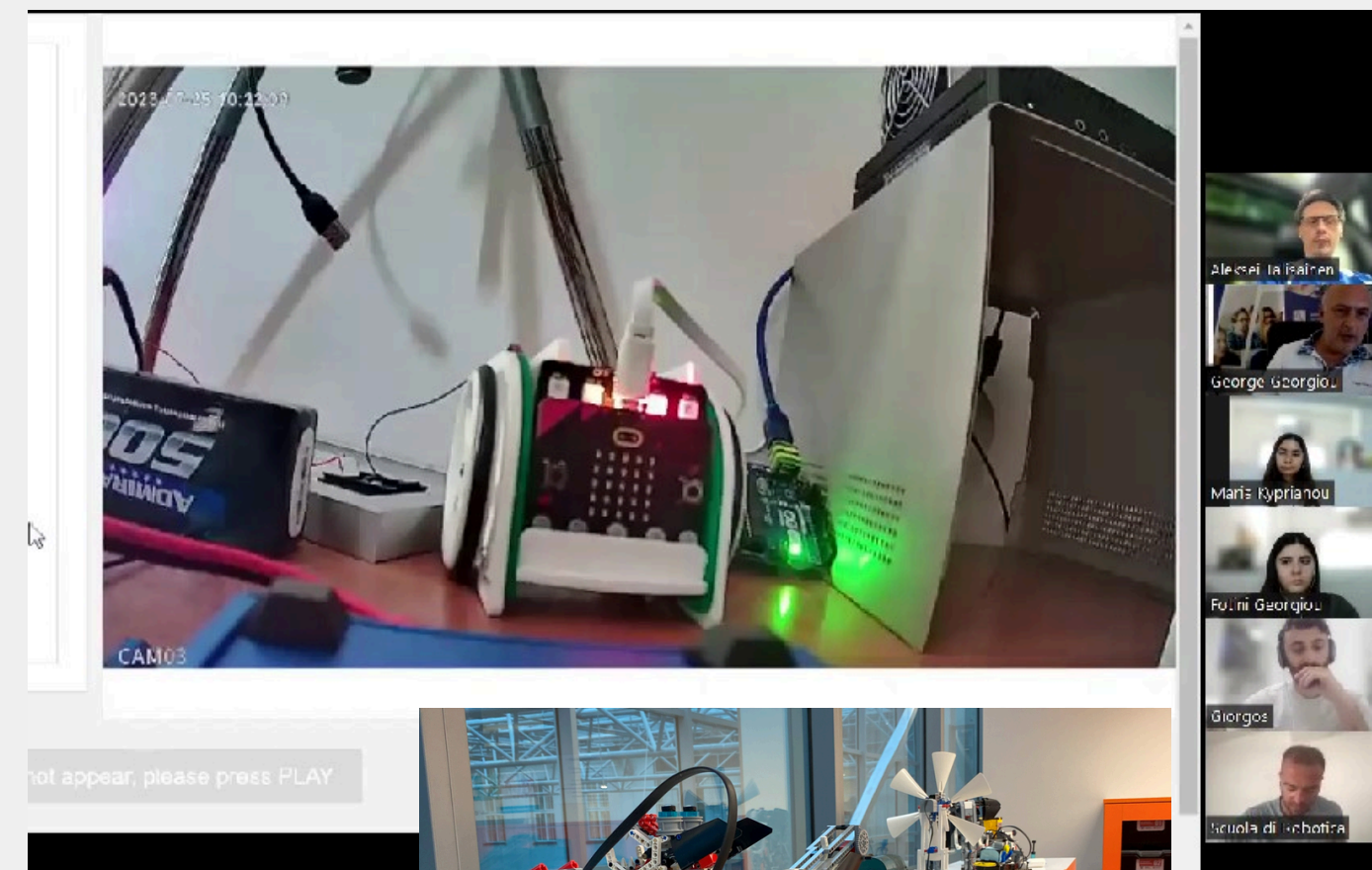
Partners:

Scuola di Robotica is a non-profit association founded in 2000 by a group of robotics and human science scholars. The main objective of Scuola di Robotica is the promotion of culture through education, training, education and dissemination of the arts and sciences involved in the process of development of robotics and new technologies.

Over the years Scuola di Robotica has become a national and international reference point for many research activities and application of robotics in the most varied sectors of society such as didactics, ecology and disabilities. Scuola di Robotica is a partner of many European projects and since 2009 has been certified as a training body by the Ministry of Education, University and Research for the updating of teaching staff.



CONSORTIUM GALLERY



OUR APPROACH

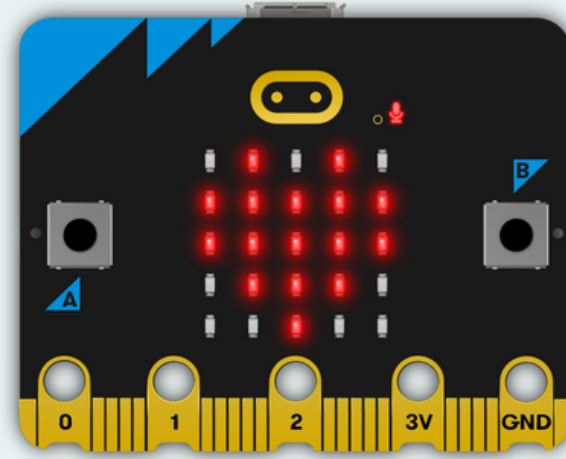
Identify areas and groups that don't have access to STEM education

Identify and adapt hardware and software for remote access

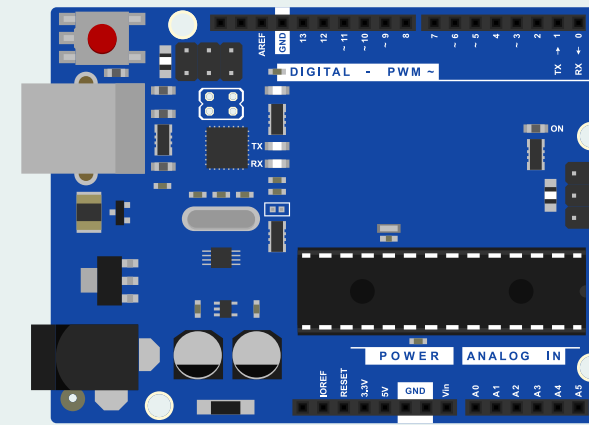
Adapt the hardware and software for the creation of educational material and ReSTELA platform

Train the trainers - how to use ReSTELA platform as well as get feedback from trainees

HARDWARE



micro:bit



Arduino



DexArm Robotic Arm



NAO Humanoid robot



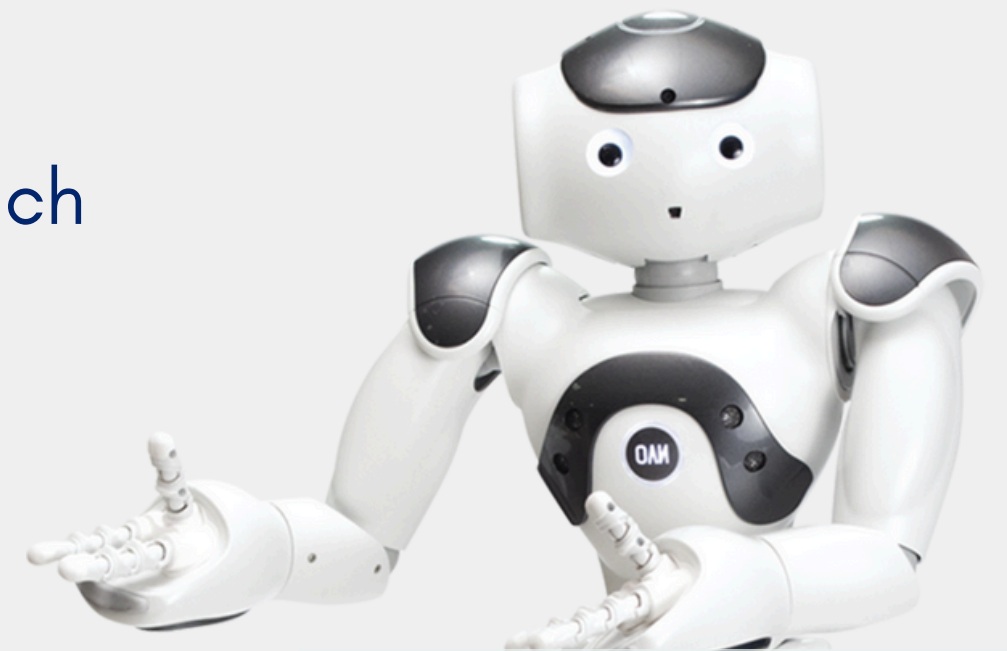
Ohmni Telepresence robot

TRAINING ACTIVITIES

FREE for all participants:

- For Educators
- HYBRID training activities
- PHYSICAL workshops (Cyprus, Italy, and Estonia)
- Confirmation of attendance (upon completion of the training)

* Each participant should complete a feedback form at the end of each training



ONLINE EDUCATIONAL PLATFORM

Includes:

- All handbooks
- All the recorded sessions
- Additional resources
- Quiz with CERTIFICATE of completion

→ **FOR FREE, you only need to register!**



www.learn.restela.eu

THANK YOU!

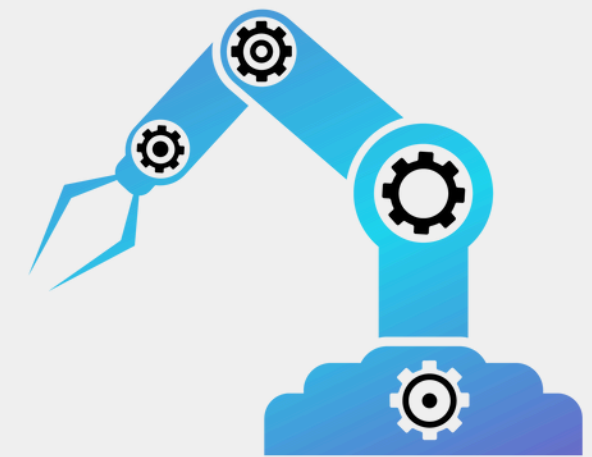
For more information:

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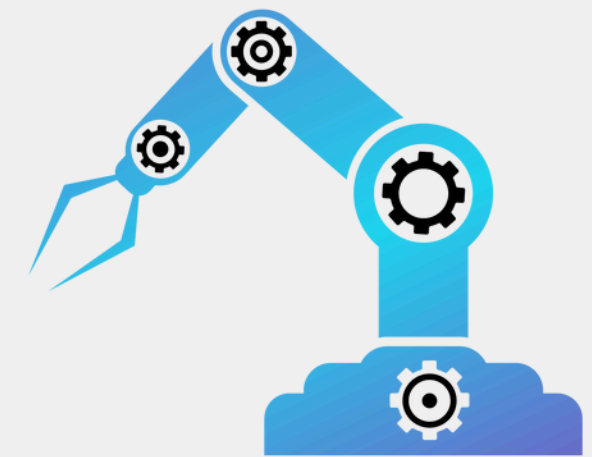
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FEEDBACK FORM

It is vital for us to get feedback from you in order for us to improve the training sessions in the future.



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